

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021336.D
 Acq On : 11 Dec 2021 18:55
 Operator : SY/VA
 Sample : M5062-15
 Misc : 6.34g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:09:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

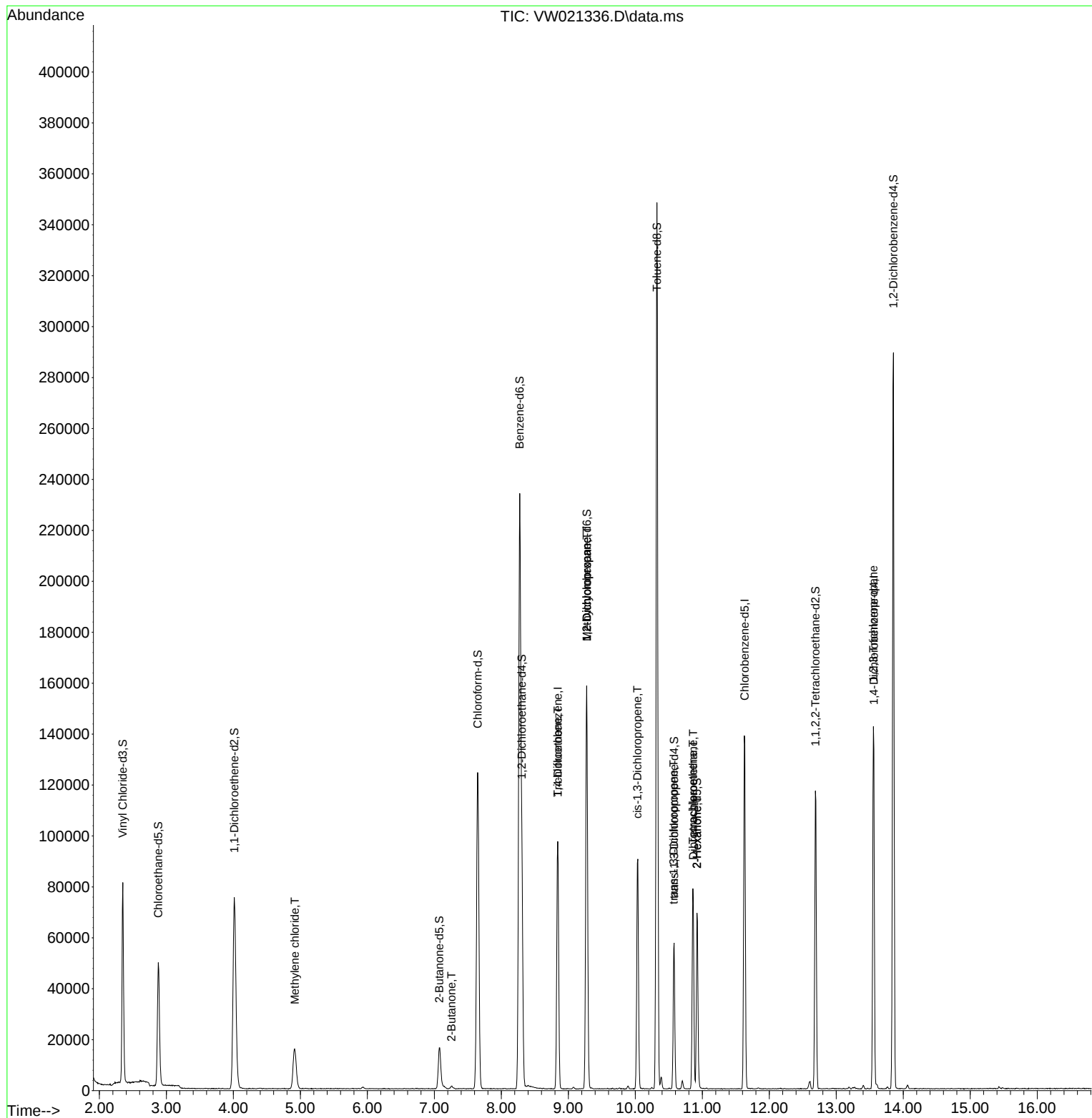
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	84879	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	79397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	39994	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	75412	48.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 195.120%#	
7) Chloroethane-d5	2.879	69	59310	58.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 232.160%#	
11) 1,1-Dichloroethene-d2	4.013	63	70187	34.056	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 136.240%#	
21) 2-Butanone-d5	7.074	46	26002	119.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 238.660%#	
24) Chloroform-d	7.647	84	125514	53.063	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 212.240%#	
26) 1,2-Dichloroethane-d4	8.305	65	65353	51.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 207.760%#	
32) Benzene-d6	8.275	84	235740	54.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 216.680%#	
36) 1,2-Dichloropropane-d6	9.274	67	66247	56.759	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 227.040%#	
41) Toluene-d8	10.323	98	228246	51.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 205.320%#	
43) trans-1,3-Dichloroprop...	10.579	79	29864	55.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 222.280%#	
47) 2-Hexanone-d5	10.921	63	22789	132.040	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 264.080%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	54984	54.801	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 219.200%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	75233	48.538	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 194.160%#	
Target Compounds						
						Qvalue
16) Methylene chloride	4.915	84	13507	9.631	ug/L	82
22) 2-Butanone	7.257	43	1613	6.323	ug/L #	52
34) Trichloroethene	8.842	95	2538	2.090	ug/L #	5
35) Methylcyclohexane	9.274	83	17561	8.768	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	8222	8.522	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	2654	1.745	ug/L #	78
44) trans-1,3-Dichloropropene	10.573	75	1704	1.279	ug/L	92
46) Tetrachloroethene	10.860	164	17726	15.369	ug/L	94
48) 2-Hexanone	10.921	43	3040	7.975	ug/L #	69
49) Dibromochloromethane	10.866	129	14986	15.395	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	4798	8.243	ug/L #	68

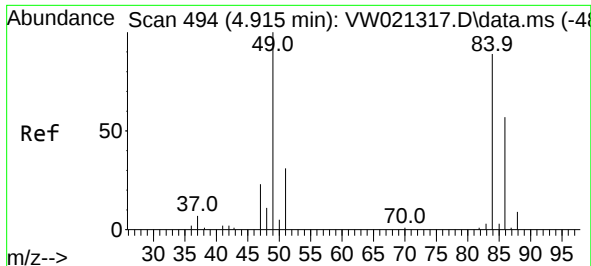
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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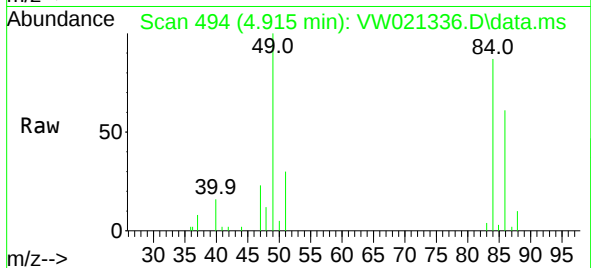
Quant Time: Dec 12 08:09:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





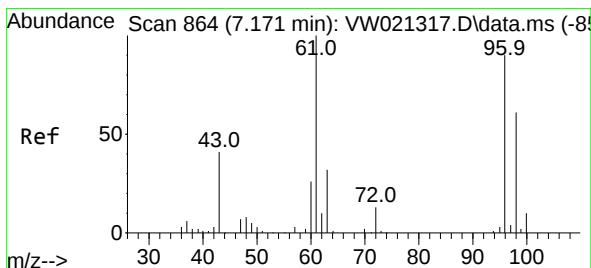
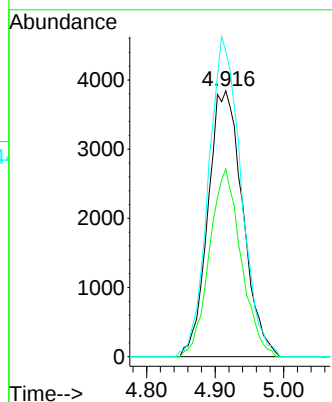
#16
Methylene chloride
Concen: 9.631 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021336.D
Acq: 11 Dec 2021 18:55

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 13507

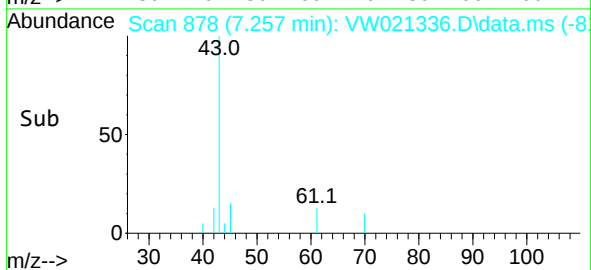
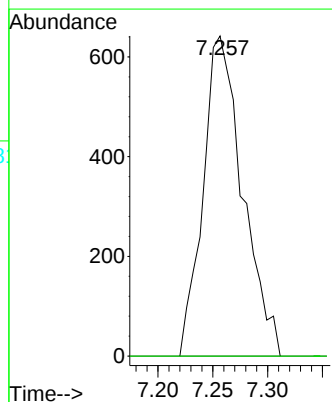
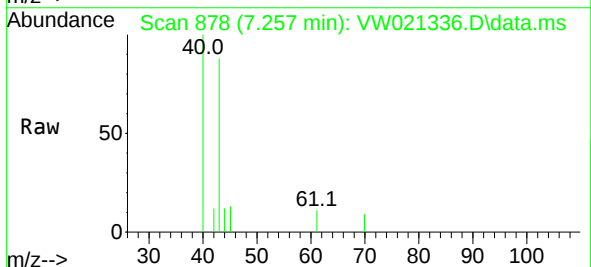
Ion	Ratio	Lower	Upper
84	100		
86	70.6	45.5	84.5
49	115.1	100.5	186.7

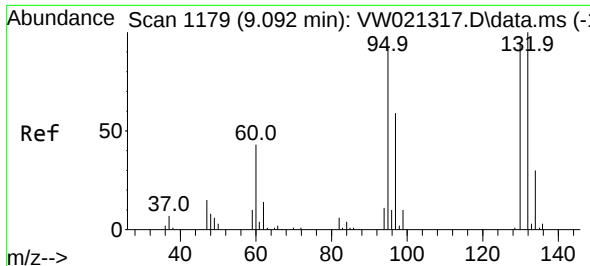


#22
2-Butanone
Concen: 6.323 ug/L
RT: 7.257 min Scan# 878
Delta R.T. 0.085 min
Lab File: VW021336.D
Acq: 11 Dec 2021 18:55

Tgt Ion: 43 Resp: 1613

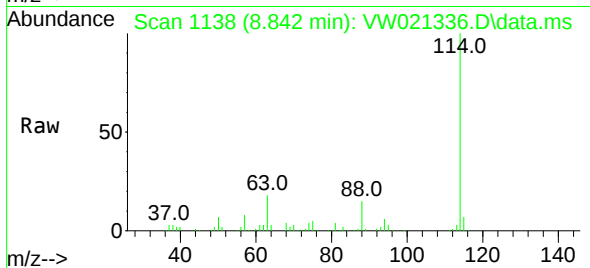
Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.8	35.4





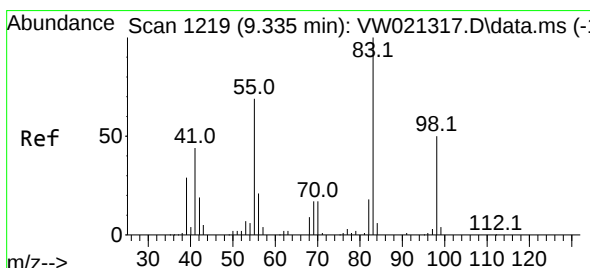
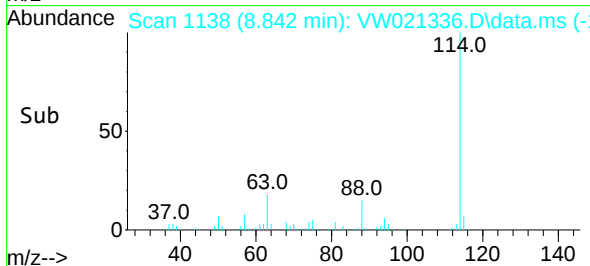
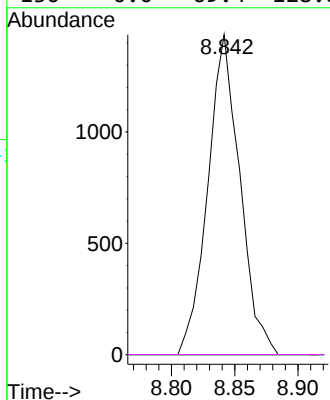
#34
 Trichloroethene
 Concen: 2.090 ug/L
 RT: 8.842 min Scan# 1179
 Delta R.T. -0.250 min
 Lab File: VW021336.D
 Acq: 11 Dec 2021 18:55

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 2538

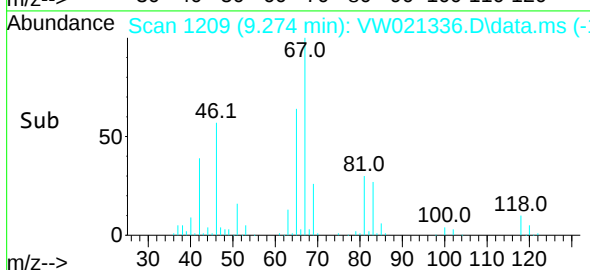
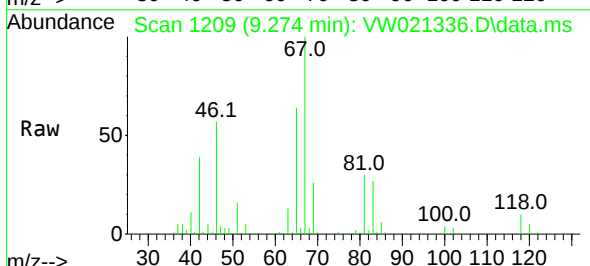
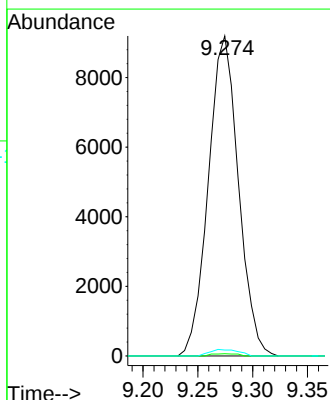
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#

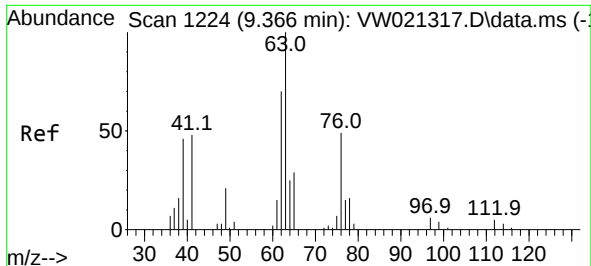


#35
 Methylcyclohexane
 Concen: 8.768 ug/L
 RT: 9.274 min Scan# 1209
 Delta R.T. -0.061 min
 Lab File: VW021336.D
 Acq: 11 Dec 2021 18:55

Tgt Ion: 83 Resp: 17561

Ion	Ratio	Lower	Upper
83	100		
55	0.2	70.8	106.2#
98	1.9	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 8.522 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021336.D

Acq: 11 Dec 2021 18:55

Instrument :

MSVOA_W

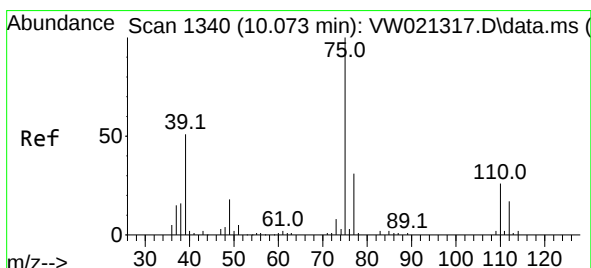
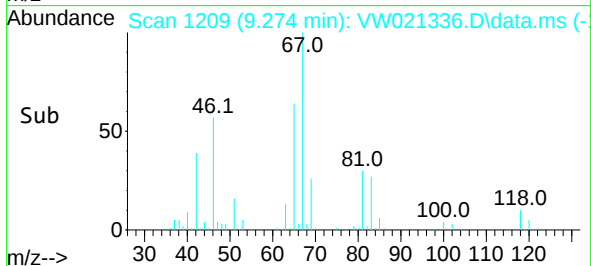
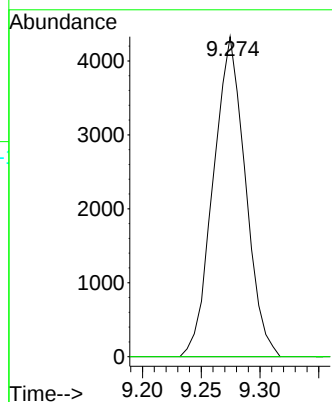
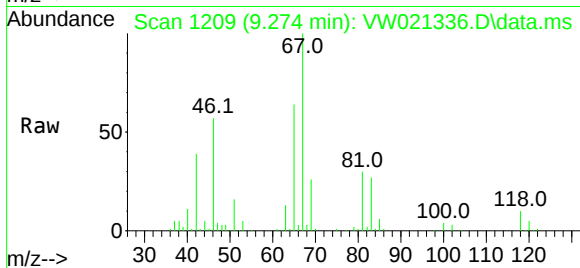
ClientSampleId :

Tgt Ion: 63 Resp: 8222

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 1.745 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021336.D

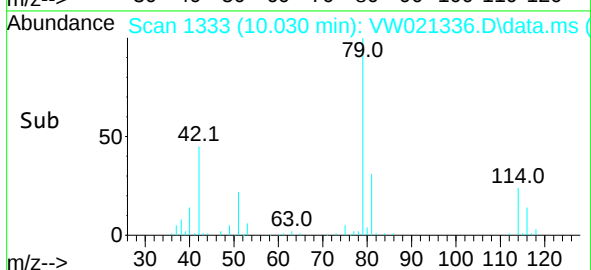
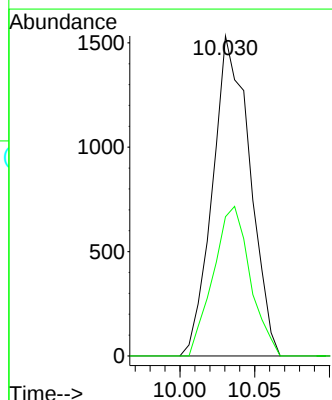
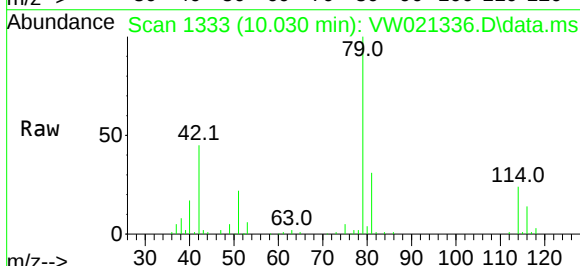
Acq: 11 Dec 2021 18:55

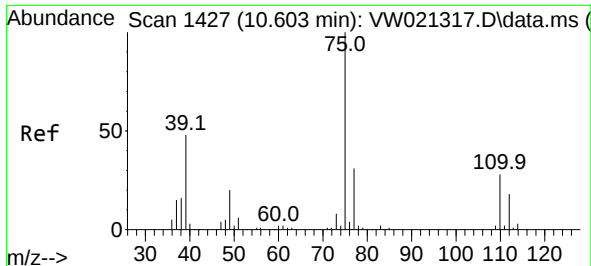
Tgt Ion: 75 Resp: 2654

Ion Ratio Lower Upper

75 100

77 43.5 21.8 40.6#

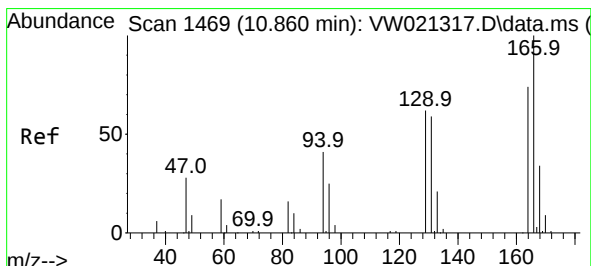
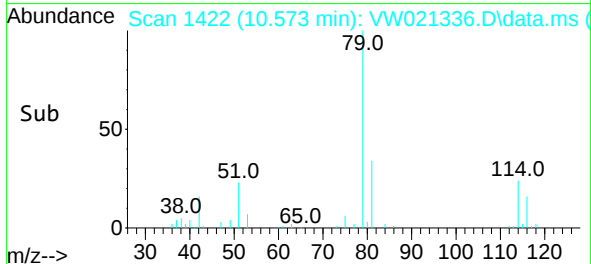
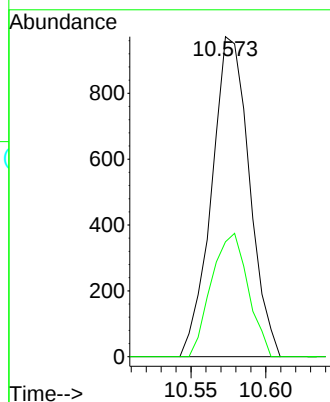
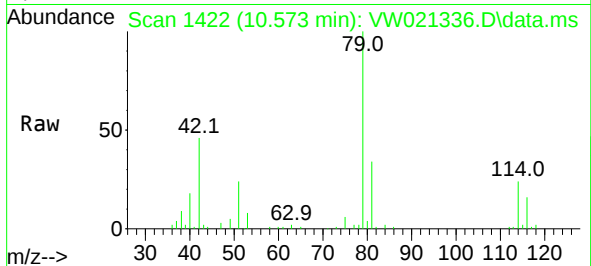




#44
trans-1,3-Dichloropropene
Concen: 1.279 ug/L
RT: 10.573 min Scan# 1427
Delta R.T. -0.031 min
Lab File: VW021336.D
Acq: 11 Dec 2021 18:55

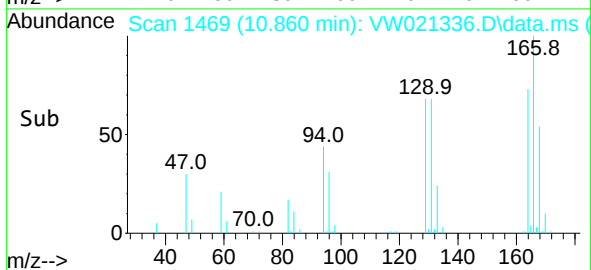
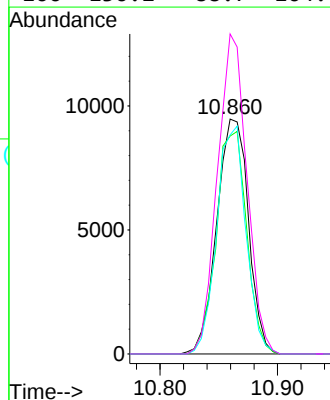
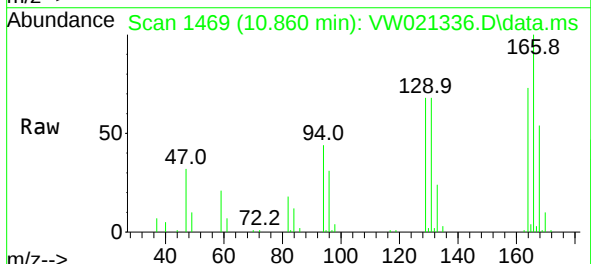
Instrument :
MSVOA_W
ClientSampleId :

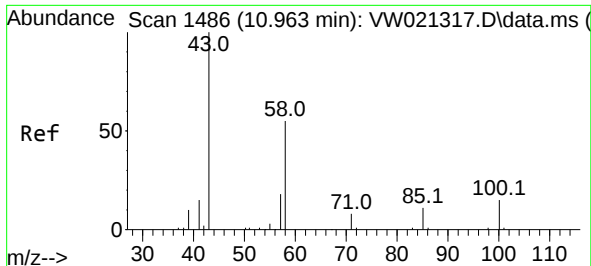
Tgt Ion: 75 Resp: 1704
Ion Ratio Lower Upper
75 100
77 35.9 22.2 41.2



#46
Tetrachloroethene
Concen: 15.369 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021336.D
Acq: 11 Dec 2021 18:55

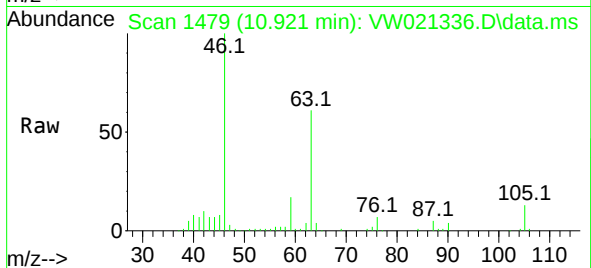
Tgt Ion:164 Resp: 17726
Ion Ratio Lower Upper
164 100
129 92.8 65.5 121.7
131 93.2 59.7 110.9
166 136.2 88.7 164.7



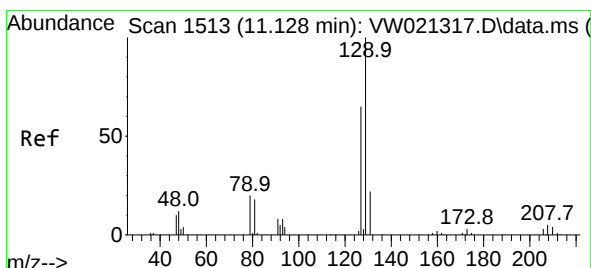
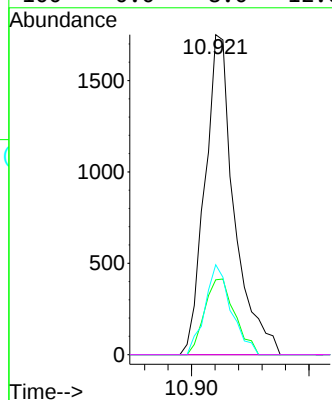
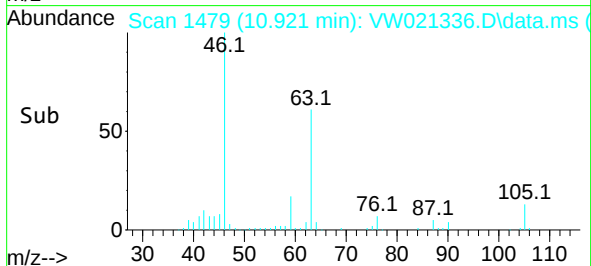


#48
2-Hexanone
Concen: 7.975 ug/L
RT: 10.921 min Scan# 1486
Delta R.T. -0.049 min
Lab File: VW021336.D
Acq: 11 Dec 2021 18:55

Instrument :
MSVOA_W
ClientSampleId :

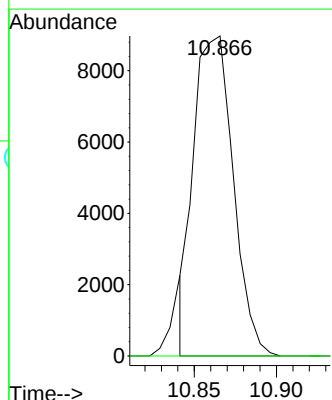
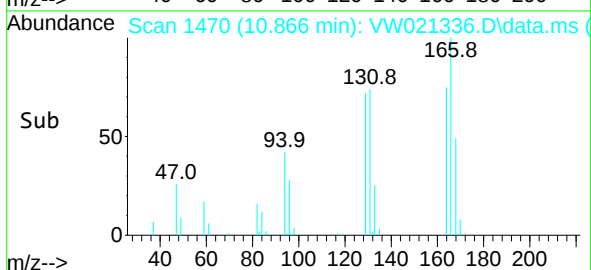
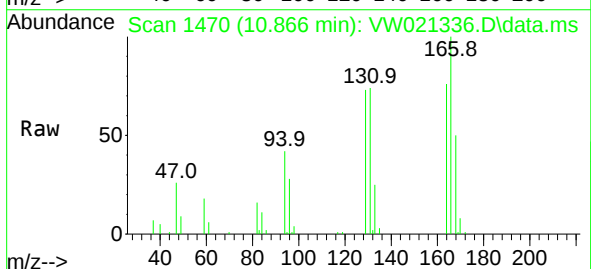


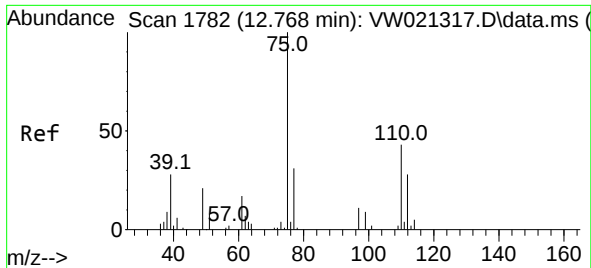
Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
58 24.3 40.2 60.2#
57 25.1 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 15.395 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021336.D
Acq: 11 Dec 2021 18:55

Tgt Ion: 129 Resp: 14986
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 8.243 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

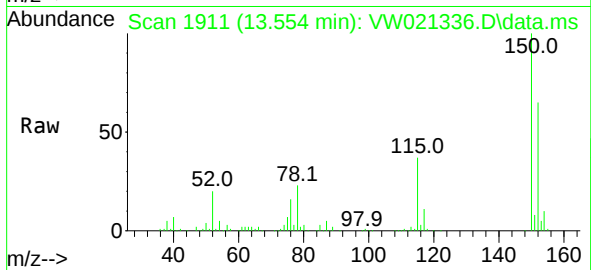
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Acq: 11 Dec 2021 18:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 4798

Ion Ratio Lower Upper

75 100

77 34.0 25.8 38.8

110 2.5 29.0 43.4#

